

Headquarters U. S. Air Force

***I n t e g r i t y - S e r v i c e - E x c e l l e n
c e***

Mission Planning Software Support Facility (MPSSF) and the Mission Planning Support Contract (MPSC)



U.S. AIR FORCE

1Lt David Montminy

Systems Support Engineer
david.montminy@hill.af.mil
(801) 586-0756



U.S. AIR FORCE

Overview

- **Mission Statement**
- **Organization**
- **Big Picture**
- **Sustainment Roles**



Mission Planning System Support Facility
OO-ALC/LHM, Hill AFB, Utah



U.S. AIR FORCE

MPSSF Mission Statement



**Provide Technical Expertise, Operational
Support, and Logistics Management for
Automated Mission Planning Capability**

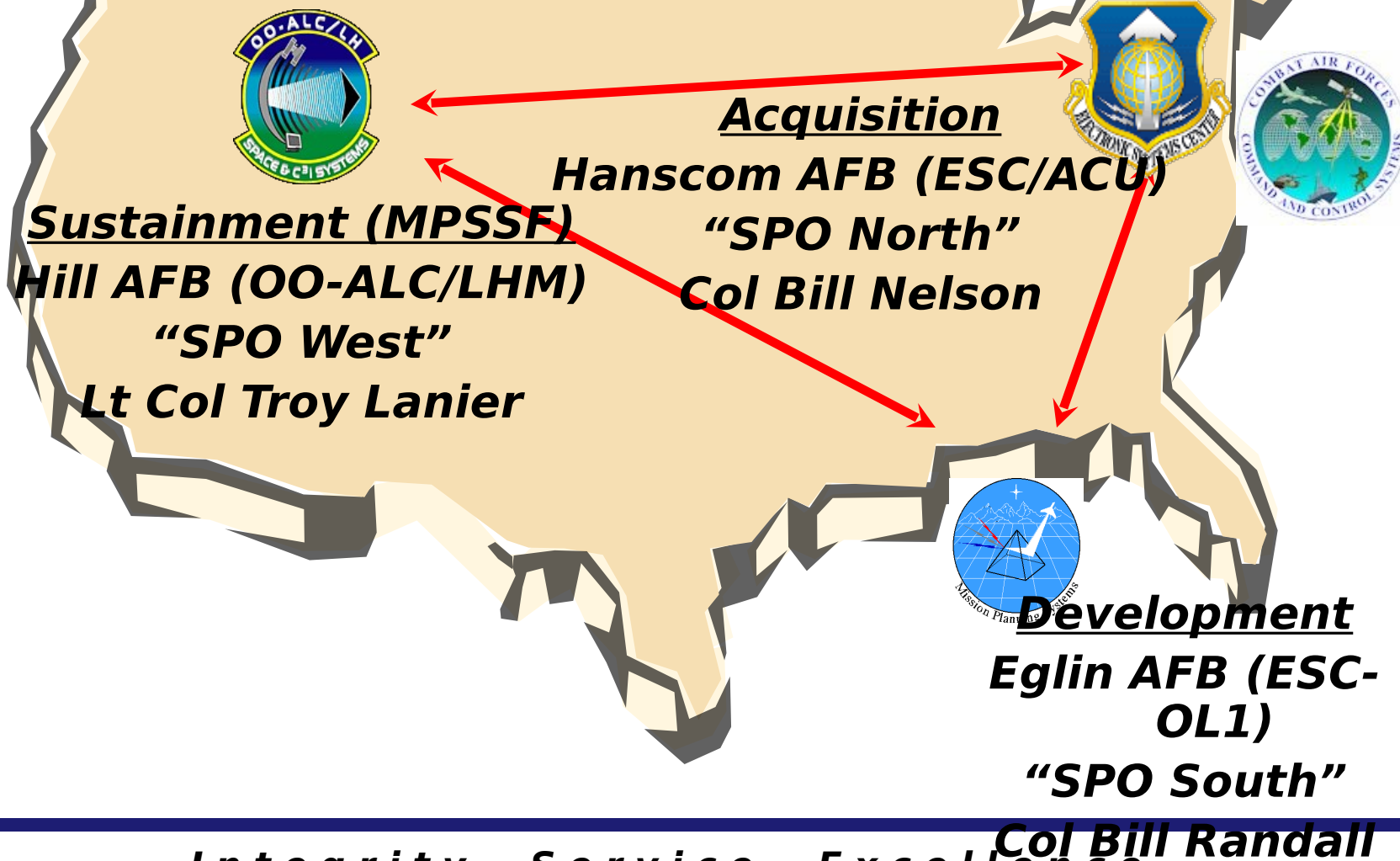
Integrity - Service - Excellence



U.S. AIR FORCE

The Mission Planning Enterprise...

The Mission Planning Team

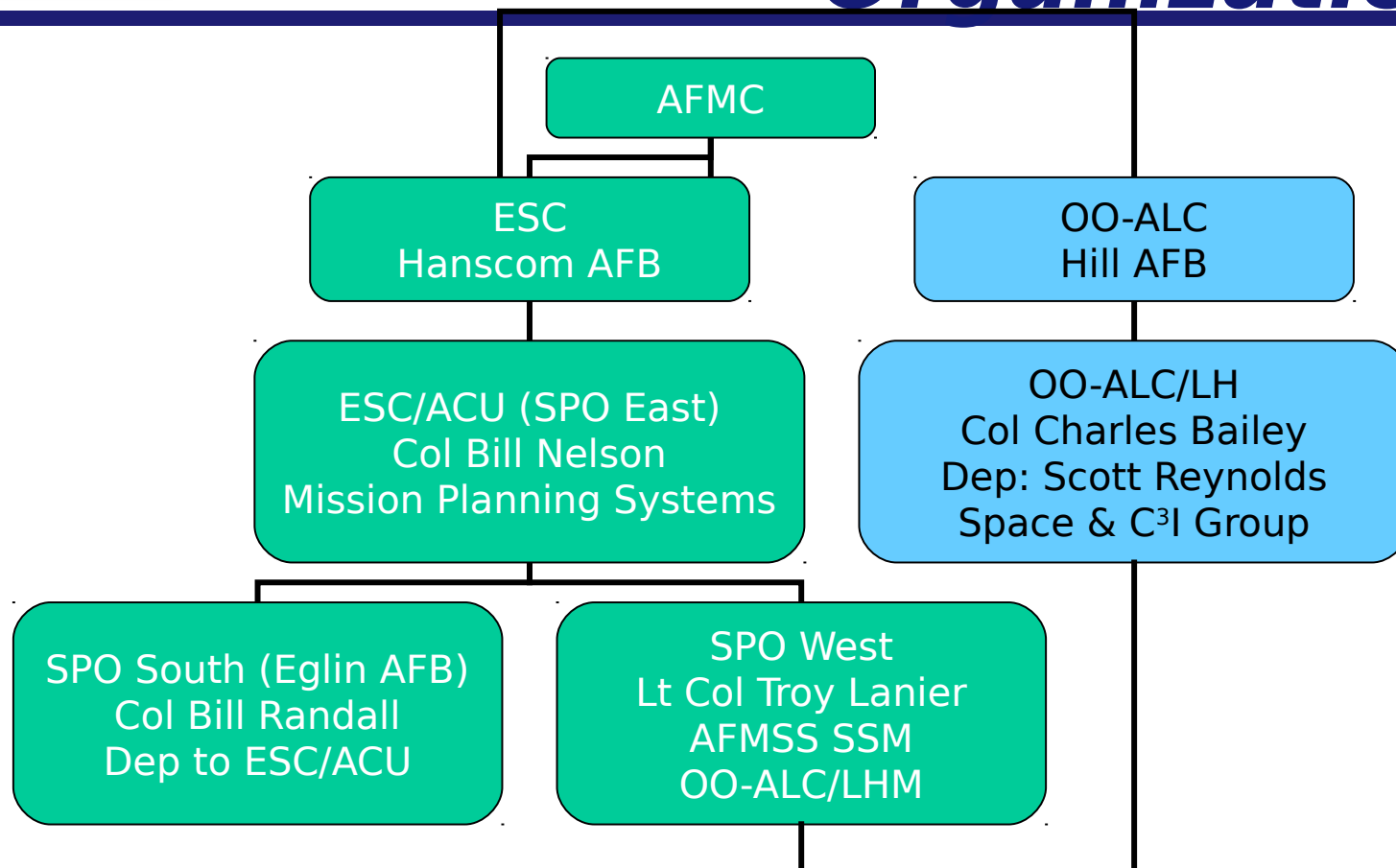


Integrity - Service - Excellence



U.S. AIR FORCE

Mission Planning Organizations





Air Force Mission Planning Products



Mission Planning System (MPS)

- Robust Unix-based system for PGM and Low Observable planning
- Developed by Sanders in 1991
- Used by Bombers, Fighters w/PGMs, Recce



Portable Flight Planning Software (PFPS)

- Suite of PC-based software components
- Developed by Tybrin/GTRI in 1995
- Used by Fighters, Transport/Airlift, Recce, and Bombers



Joint Mission Planning System (JMPS)

- Next generation PC-based software
- Initially developed by NGIT (Tybrin, GTRI, Boeing, BAE)
- All Air Force, Army, Naval, SOF platforms migrating FY04-



Air Force Weapon Systems Supported by

Fighter

F/A-22
F-16 Block 30
F-16 Block 40/50
F-15E
F-15 MSIP
A-10
T-38

Bomber

B-1B
B-52H
F-117
B-2

Recon

U-2
Global Hawk
Predator

■ 5,600 total MP systems fielded

TASM/Heleos
RF-135 C-17

C-5 C-130
HH-60G C-141
UH-1N E-3
C-21 E-8
C-27 KC-10
KC-135 C-9

Weapons

CALCM
JDAM
JSOW
JASSM
WCMD
HARM
AGM-130
AGM-142





U.S. AIR FORCE

Mission Planning Support Contract (MPSC)



Contract

9-Year Contract \$200M

Contract Award 11 Dec 2001

Fixed Price / Award Fee

Services Contract: Time & Mater

TYBRIN (prime) / BAE / BAI

Integrate SSF/SSR

Multi-Service/International Supp

Current Organization

Single Manager

245 Employees

45 - Hill AFB (Core Support)

200 - SSRs (Field Support)



U.S. AIR FORCE

Support Strategy

- **Mission Planning Software Support Facility at (OO-ALC) provides End to End Logistics**
 - Mission Planning Support Contract (MPSC) awarded Dec 01 - 9yr, \$200M
 - System Support Representatives (SSRs) at operational units (225+)
 - Operational HW/SW Configuration Management, Distribution & Fielding
 - 24/7 Help Desk - Web and phone base
 - Training - Onsite, web-based (in development), and off-site
 - Consolidated Web-Services, Mission Planning Central
 - Integrated Data Base (IDB) Management - collect deficiencies
 - SEIC uses IDB to manage DR process (gov't oversight)
- **Mix of Organic and Contractor S/W Maintenance**
 - Incremental Development and S/W maintenance
 - Public/Private Partnering S/W development and maintenance

Depot, MPSC and SEIC work together



Sustainment Support





U.S. AIR FORCE

Mission Planning Support Contractors in the Field

AMC ANG Navy ACC AFRC SOF Army

OCONUS SITES

Europe

Pacific

South West Asia

